

STATUS OF THE CLAIMS

1. (currently amended) An isolated nucleic acid molecule encoding a protein having an amino acid sequence selected from the group consisting of SEQ ID NO. 2 and sequences at least 90% homologous to SEQ ID NO:2, wherein said protein has α -1,6-mannosyltransferase activity, wherein said nucleic acid is ~~derived~~ obtained from *Hansenula polymorpha*.
2. (previously presented) The isolated nucleic acid molecule according to claim 1, wherein the nucleic acid is designated as SEQ ID NO. 1.
3. (previously presented) An isolated protein which is coded by the nucleic acid of claim 1.
4. (original) A recombinant vector comprising a nucleic acid molecule designated as SEQ ID NO. 1, deposited under accession number KCTC 10583BP.
5. (original) A *Hansenula polymorpha* Hpoch2 Δ mutant strain deposited under accession number KCTC 10584BP.
6. (original) The *Hansenula polymorpha* Hpoch2 Δ mutant strain according to claim 5, comprising an expression vector for a sugar chain-modifying enzyme.
7. (previously presented) The *Hansenula polymorpha* Hpoch2 Δ mutant strain according to claim 6, wherein the sugar chain-modifying enzyme is selected from the group consisting of α -1,2-mannosidase, N-acetyl glucosaminyltransferase I and N-acetyl glucosaminyltransferase II.
8. (currently amended) A process for producing a recombinant glycoprotein ~~using~~ in the *Hansenula polymorpha* Hpoch2 Δ mutant strain according to claim 5 ~~lacking of α -1,6-mannosyltransferase activity~~, wherein the recombinant glycoprotein lacks further

sugar-chain synthesis of Man₈ on N-linked glycosylation.

9. (original) The process according to claim 8, wherein the *Hansenula polymorpha* Hpoch2Δ mutant strain comprises an expression vector for a sugar chain-modifying enzyme, wherein said sugar chain-modifying enzyme is α-1,2-mannosidase.

10. (canceled)

11. (original) A glycoprotein produced by the process of claim 8 or 9.

12. (previously presented) The *Hansenula polymorpha* Hpoch2Δ mutant strain according to claim 6, wherein the sugar chain-modifying enzyme is α-1,2-mannosidase.